

Converting Colors

Hex(319676)

Have a look what the booklet for
Hex(319676) contains.

Hex(319676)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	11
<i>Previews</i>	23
<i>Color Blindness Simulation</i>	26
<i>CSS Examples</i>	29

Color

Hex(319676)

Conversions

Conversions Part 1

Format	Color
Hex	319676
RGB	49, 150, 118
RGB Percent	19%, 59%, 46%
CMY	0.8078, 0.4118, 0.5373
CMYK	0.67, 0.00, 0.21, 0.41
HSL	161°, 51%, 39%
HSV	161°, 67%, 59%
XYZ	15.4430, 23.7737, 20.9144
YIQ	116.1530, -49.9240, -31.3640

Conversions

Conversions Part 2

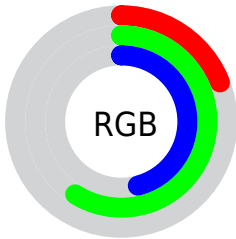
Format	Color
RYB	49, 109, 150
Decimal	3249782
CIELab	55.86, -36.91, 8.50
CIELCh	56, 37.874, 167.029
Yxy	23.7737, 0.2568, 0.3954
Android (android.graphics.Color)	4281439862 (0xFF319676)
YUV	116.1530, 0.9106, -58.8932
Hunter-Lab	48.7582, -28.7914, 8.6989




Details

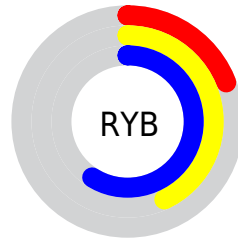
The Hex color **319676** is a dark color, and the websafe version is hex **339966**. A complement of this color would be **963151**, and the grayscale version is **747474**.




A 20% lighter version of the original color is **6CCDAA**, and **006246** is the 20% darker color. If you saturate the color by 10%, you get **229671**, and if you desaturate by 10%, it is **40967B**.

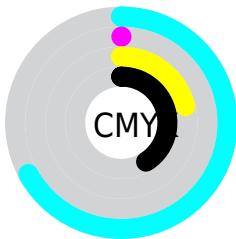
Distribution







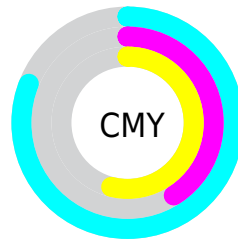
-  Red (19%)
-  Green (59%)
-  Blue (46%)






-  Red (19%)
-  Yellow (43%)
-  Blue (59%)



-  Cyan (67%)
-  Magenta (0%)
-  Yellow (21%)
-  Black (41%)



-  Cyan (81%)
-  Magenta (41%)
-  Yellow (54%)

Brightness & Saturation Gradients

These gradients show how the Hex color 319676 changes by changing the brightness by 10 percent. The first figure shows a shift by +10% for each color and the second figure -10%.

Similar to the brightness gradients but the following saturation gradients show a change of the Hex color 319676 by changing the saturation by 10% instead.



319676



319676

FFFFFF



057C5D



6CCDAA



006246



88E9C5



004A2F



A4FFE1



00321A



C1FFFE



001D00



DEFFF



000000



FCFFF



319676



319676



229671



40967B

■ 13966C

■ 4F9680

■ 049668

■ 5E9684

■ 009666

■ 6D9689

■ 7C968E

■ 8B9693

■ 9A9697

■ A9969C

■ B896A1

Harmonies

Analogous

The Analogous color harmony consists of three colors that are next to each other on the color wheel.



629258



319676



009798

Triad

The Triadic color harmony groups three colors that are evenly spaced from another and form a triangle on the color wheel.



319676



7283C5



BC7357

Complementary

The Complementary color scheme is a pair of colors which are on the opposite of each other on the color wheel.



319676



963151

Split Complementary

Split-complementary colors differ from the complementary color scheme. The scheme consists of three colors, the original color and two neighbors of the complement color.



C56C74



319676



A076B3

Square

The Square scheme is like the rectangle color scheme, but the four colors are evenly spaced on the color wheel.



319676



2D8DC5



BC6D96



A77F45

Rectangle

The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



319676



0096AC



BC6D96



C17060

Sweetspot

The Sweet Spot groups the original color and five complimentary colors.



319676



9BC2B6



539631



4A615A



E0E0E0



616161

Same Dimension

The Same Dimension uses a secret algorithm to generate beautiful new colors.



319676



25C290



318596



434A48



008A5E



000A07

Inverse Universe

The Inverse Universe completely reimagines the original color for something new.



963151



C22557



964231



4A4345



8A002C



0A0003

Previews

White Background



This preview shows how the Hex color 319676 looks on a white background.

Color Contrast Check

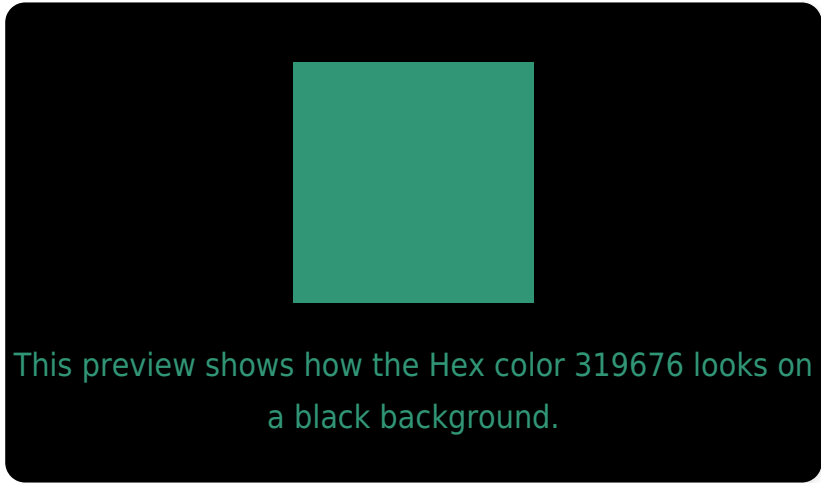
Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

Black Background



Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

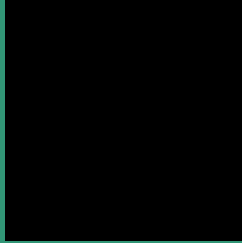
Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

If you want to check with other color combinations, try the [Color Contrast Checker](#).

Hex 319676 Background



This preview shows how black text looks on a background with the Hex color 319676.




This preview shows how white text looks on a background with the Hex color 319676.

Color Blindness Simulation

Color vision deficiency is a very complex topic, and I could not describe the different causes any better than Wikipedia does, so if you want to learn more, you should check out their [article about color blindness](#).

Dichromacy





Tritanopia
41919D

Trichromacy



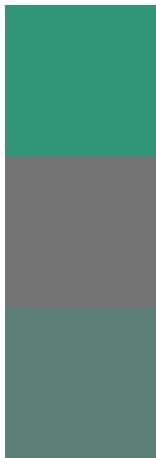
Original Color
319676

Protanomaly
6C8B70

Deuteranomaly
718879

Tritanomaly
3B938F

Monochromacy



Original Color
319676

Achromatopsia
747474

Achromatomaly
5C8075

CSS Examples

Text

The CSS property to change the color of the text to Hex 319676 is called "color". The color property can be set on classes, ids or directly on the HTML element.

This example shows how text in the color #319676 looks like.

```
.text, #text, p{  
    color:#319676  
}
```

If you want to add a text shadow in that color use the text-shadow property, you can generate a text shadow directly with our [CSS Text Shadow Generator](#).

Here you see how black text with a 4 pixel #319676 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #319676
}
```

Border

The CSS property to change the border of an element to Hex 319676 is called "border". The border property can be set on classes, ids or directly on the HTML element.

This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#319676 }
```

If only the border color should be changed use the property `border-color`.

```
.border{ border-color:#319676 }
```

If you want to add a box shadow in that color use:

Here you see how a box with a 4 pixel #319676 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #319676; -webkit-box-shadow:4px 4px  
4px 4px #319676; box-shadow:4px 4px 4px  
4px #319676 }
```

Background

The CSS property to change the background color of an element to Hex 319676 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#319676 }
```

If only the background color should be changed can be used:

```
.background{ background-color:#319676 }
```

This example shows the color as background, it is applied via the CSS property "background".

To optimize and compress your CSS code, you can use our [online CSS compressor and optimizer](#) based on csstidy. If you want to create a linear or radial gradient as background or border, check our [CSS Gradient Generator](#).

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